

Substitute for Form 1449 A &amp; B/PTO

Complete if Known

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/623,658
Confirmation Number	4747
Filing Date	July 22, 2003
First Named Inventor	Hyoseop SHIN
Art Unit	2163 2161
Examiner Name	LU, CHARLES EDWARD
Attorney Docket Number	Q76495

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
CL		H.V. JAGADISH, et al.; "On Effective Multi-Dimensional Indexing For Strings"; ACM Sigmod 2000; May 2000, pp.403-414; Dallas, TX	
CL		BRIAN COOPER, et al.; "A Fast Index For Semistructured Data"; Proceedings of the 27 <sup>th</sup> VLDB Conference, 2001; Roma, Italy	
CL		TORSTEN GRUST; "Accelerating XPath Location Steps"; ACM Sigmod 2002; June 4-6, 2002; pp. 109-120; Madison, Wisconsin	
CL		CHRISTIAN BOHM, et al.; "Multidimensional Index Structures in Relational Databases"; Journal of Intelligent Information Systems; 2000; pp. 51-70; 15; Kluwer Academic Publishers; The Netherlands	

Examiner Signature	/Charles Lu/	Date Considered	02/15/2007
--------------------	--------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.